

ABSTRACT OF THE DISCLOSURE

Due to a characteristic of a switching element, a current leaks into a display element in an undisplayed region through the switching element to thereby cause a speckled pattern to occur in the undisplayed region. In addition to a supply of scanning signals to scanning lines corresponding to display elements in a displayed region, scanning signals are also supplied to scanning lines corresponding to display elements in the undisplayed region to thereby inhibit the speckled pattern from occurring.

1. A display device comprising:
a plurality of display elements;
a plurality of scanning lines;
a plurality of data lines;
a switching element for each display element;
a scanning signal supply circuit for supplying scanning signals to the scanning lines;
a data signal supply circuit for supplying data signals to the data lines;
wherein the switching element is connected to the scanning lines and the data lines;
wherein the scanning signal supply circuit supplies scanning signals to the scanning lines corresponding to display elements in a displayed region and to the scanning lines corresponding to display elements in an undisplayed region;
wherein the data signal supply circuit supplies data signals to the data lines corresponding to display elements in the displayed region and to the data lines corresponding to display elements in the undisplayed region;
wherein the scanning signals supplied to the scanning lines corresponding to display elements in the undisplayed region inhibit a speckled pattern from occurring in the undisplayed region.